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🔍 Title: **JP7029560A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY**

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **MUTOU JIYUNSUKE;  
HOSONO HIROAKI;**

🔍 Assignee: **NIPPON SHEET GLASS CO LTD**  
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🔍 Published / Filed: **1995-01-31 / 1993-07-12**

🔍 Application Number: **JP1993000171521**

🔍 IPC Code: **H01M 2/16;**

🔍 Priority Number: **1993-07-12 JP1993000171521**

🔍 Abstract:

PURPOSE: To provide a separator for a sealed lead-acid battery by which high pressure force can be maintained in the battery.

CONSTITUTION: In a separator mainly composed of glass fiber, the separator for a sealed lead-acid battery is formed by mixing the glass fiber, silica powder and silica sol extractively. Thereby, only under the coexistence of the silica power and the silica sol, an excellent gel condition is formed in the separator in a drying process after they are mixed extractively, and pressure force is maintained by the expansive action. After electrolyte is injected, the pressure force can be maintained sufficiently without reducing the pressure force applied to a plate. The service life of the battery can be lengthened significantly.

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🔍 Family: **None**

🔍 Other Abstract Info: **CHEMABS 122(18)218616Q CAN122(18)218616Q DERABS C95-103012 DERC95-103012**



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